[c3]

[c4]

Claims

U	
[c1]	An endshield assembly for an electric motor, said endshield assembly comprising:
	an endshield comprising a body, an inner face, and an outer face;
	at least one anchor extending radially outward from said inner face, said anchor
	comprising an end, a head, and an expandable shank extending therebetween, said
	shank comprising a wall and a bore, said bore extending between said end and
	said head, said wall defining said bore and extending convergently from said head
	to said end; and
	a fastener configured to expand said anchor wall to secure said endshield to the
	motor.
[c2]	An endshield assembly in accordance with Claim 1 wherein said anchor further
	comprises an outer surface comprising a plurality of teeth configured to engage
	All a make the resume and an algebraid to the form of the

J	All eliasment assembly in accordance with Claim 1 wherein said anchor further
	comprises an outer surface comprising a plurality of teeth configured to engage
	the motor to secure said endshield to the motor.

An endshield assembly in accordance with Claim 1 wherein said shank bore
comprises a first width at said shank head and a second width at said shank end,
said first width wider than said second width.

- An endshield assembly in accordance with Claim 3 wherein said fastener comprises a head having a width, said fastener head width wider than said shank bore first width.
- [c5] An endshield assembly in accordance with Claim 4 wherein said fastener comprises a plurality of threads, said shank bore comprises a plurality of threads, said fastener threads configured to engage said shank bore threads.
- [c6] An endshield assembly in accordance with Claim 1 wherein said anchor is fabricated from ductile metal.
- [c7] An endshield assembly in accordance with Claim 1 wherein said anchor is fabricated from plastic.
- [c8] An electric motor assembly comprising: a motor housing; a stator comprising a stack of laminations, a first and second ends, and a bore

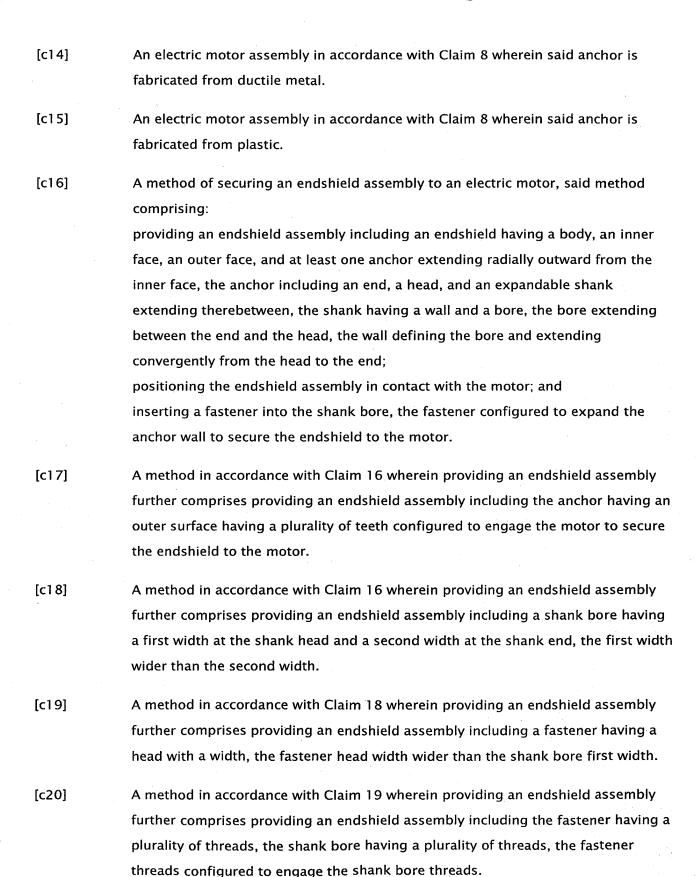
[c9]

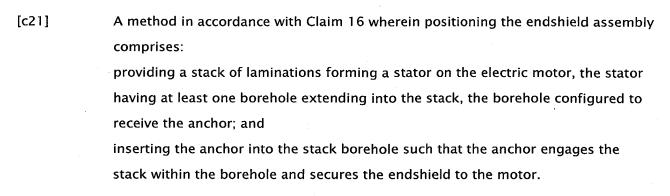


a rotor core rotatably mounted in said motor housing and extending through said stator bore;

a rotor shaft extending through said rotor core; and at least one endshield assembly, each endshield assembly comprising an endshield comprising a body, an inner face facing said stack, and an outer face; at least one anchor extending from said endshield inner face towards said stack, said anchor comprising an end, a head, and an expandable shank extending therebetween, said shank comprising a wall and a bore, said bore extending between said end and said head, said wall defining said bore and extending convergently from said head to said leading end; and a fastener configured to expand said anchor wall to secure said endshield to the motor.

- An electric motor assembly in accordance with Claim 8 wherein said anchor further comprises an outer surface comprising a plurality of teeth configured to engage said motor to secure said endshield to said motor.
- [c10] An electric motor assembly in accordance with Claim 8 wherein said shank bore comprises a first width at said shank head and a second width at said shank end, said first width wider than said second width.
- [c11] An electric motor assembly in accordance with Claim 10 wherein said fastener comprises a head having a width, said fastener head width wider than said shank bore first width.
- [c12] An electric motor assembly in accordance with Claim 11 wherein said fastener and said shank bore are threaded, said fastener configured to couple to said shank bore.
- [c13] An electric motor assembly in accordance with Claim 8 wherein said stack comprises at least one borehole extending therein, said stack borehole positioned in alignment with said anchor and configured to receive said anchor such that said anchor engages said stack within said borehole to secure said endshield to the motor when said fastener engages said anchor wall.





- [c22] A method in accordance with Claim 16 wherein providing an endshield assembly further comprises providing an endshield assembly including an anchor fabricated from ductile metal.
- [c23] A method in accordance with Claim 16 wherein providing an endshield assembly further comprises providing an endshield assembly including an anchor fabricated from plastic.